

Converting Colors

YUV(136.9130, -28.5511,
-35.8807)

Have a look what the booklet for
YUV(136.9130, -28.5511, -35.8807)
contains.

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Color

**YUV(136.9130, -28.5511,
-35.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	60A94F
RGB	96, 169, 79
RGB Percent	38%, 66%, 31%
CMY	0.6235, 0.3373, 0.6902
CMYK	0.43, 0.00, 0.53, 0.34
HSL	109°, 36%, 49%
HSV	109°, 53%, 66%
XYZ	20.4231, 31.4272, 12.3868
YIQ	136.9130, -14.6180, -43.4660

Conversions

Conversions Part 2

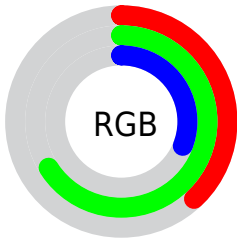
Format	Color
RYB	79, 169, 152
Decimal	6334799
CIELab	62.87, -40.46, 39.07
CIELCh	63, 56.247, 136.006
Yxy	31.4272, 0.3179, 0.4892
Android (android.graphics.Color)	4284524879 (0xFF60A94F)
YUV	136.9130, -28.5511, -35.8807
Hunter-Lab	56.0600, -33.0760, 26.1415

Details

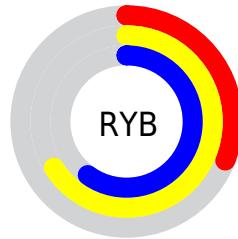
The YUV color **136.9130, -28.5511, -35.8807** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **111.0870, 28.5511, 35.8807**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0440, -30.5877, -35.9956**, and **83.3580, -26.7985, -38.0250** is the 20% darker color. If you saturate the color by 10%, you get **130.7890, -33.9130, -42.7880**, and if you desaturate by 10%, it is **143.0370, -23.1892, -28.9734**.

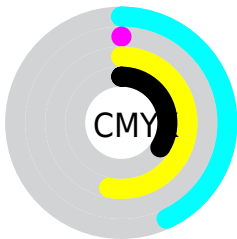
Distribution



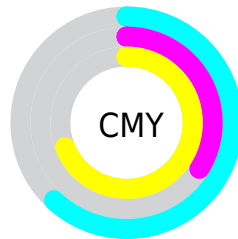
- Red (38%)
- Green (66%)
- Blue (31%)



- Red (31%)
- Yellow (66%)
- Blue (60%)



- Cyan (43%)
- Magenta (0%)
- Yellow (53%)
- Black (34%)



- Cyan (62%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9130, -28.5511, -35.8807 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 136.9130, -28.5511, -35.8807 by changing the saturation by 10% instead.

■ 136.9130,
-28.5511, -35.8807

■ 136.9130,
-28.5511, -35.8807

■ 255.0000, 0.0000,
0.0000

■ 110.1410,
-27.6775, -36.0807

■ 192.0440,
-30.5877, -35.9956

■ 83.3580, -26.7985,
-38.0250

■ 220.5170,
-31.3139, -36.4104

■ 53.7160, -26.4820,
-46.2319

■ 232.5540,
-23.9371, -22.4109

■ 39.3290, -19.3892,
-34.4915

■ 244.4170,
-15.9816, -7.3817

■ 25.8280, -12.7332,
-22.6512

■ 253.4040, -6.1152,
1.3997

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,

0.0000

■ 136.9130,
-28.5511, -35.8807

■ 136.9130,
-28.5511, -35.8807

■ 130.7890,
-33.9130, -42.7880

■ 143.0370,
-23.1892, -28.9734

■ 124.9640,
-39.4223, -49.0804

■ 148.8620,
-17.6800, -22.6810

■ 118.8400,
-44.7841, -55.9877

■ 154.9860,
-12.3181, -15.7737

■ 112.7160,
-50.1460, -62.8949

■ 161.1100, -6.9562,
-8.8665

■ 108.7710,
-53.6241, -67.3282

■ 167.1200, -2.0312,
-1.8592

■ 172.9450, 3.4781,
4.4332

■ 179.0690, 8.8400,
11.3405

■ 185.1930, 14.2019,
18.2477

■ 191.0180, 19.7111,
24.5402

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



144.2640, -47.4582, 8.5385



136.9130, -28.5511, -35.8807



117.0890, 4.3931, -102.6871

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



136.9130, -28.5511, -35.8807



124.6540, 61.3026, -109.3216



150.8300, -11.7482, 81.7101

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



136.9130, -28.5511, -35.8807



111.0870, 28.5511, 35.8807

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



153.9310, 11.8660, 67.5895



136.9130, -28.5511, -35.8807



148.3370, 49.1339, -32.7445

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



136.9130, -28.5511, -35.8807



126.9730, 47.3413, -111.3553



156.9550, 32.0672, 28.1035



150.0310, -33.5393, 71.0098

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



136.9130, -28.5511, -35.8807



121.6660, 19.3917, -106.7011



156.9550, 32.0672, 28.1035



151.2950, -3.5964, 80.4253

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



136.9130, -28.5511, -35.8807



206.6380, -11.1605, -13.7145



148.1740, -34.1028, 18.2644



102.5230, -6.6668, -8.3517



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



136.9130, -28.5511, -35.8807



168.9540, -44.3473, -56.0877



134.9080, -14.2516, -49.0313



80.9950, -2.4625, -3.5036



95.2480, -46.9573, -58.9765



12.9360, -6.3774, -7.8369

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



111.0870, 28.5511, 35.8807



129.0460, 44.3473, 56.0877



113.0920, 14.2516, 49.0313



79.0050, 2.4625, 3.5036



52.7520, 46.9573, 58.9765



7.3630, 6.2300, 8.4516

Previews

White Background



This preview shows how the YUV color 136.9130, -28.5511, -35.8807 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 136.9130, -28.5511, -35.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

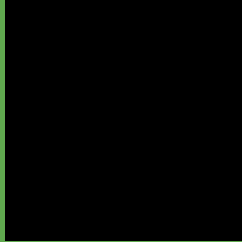
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.9130, -28.5511, -35.8807 Background



This preview shows how black text looks on a background with the YUV color 136.9130, -28.5511, -35.8807.



This preview shows how white text looks on a background with the YUV color 136.9130, -28.5511, -35.8807.

-35.8807.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

136.9130, -28.5511, -35.8807

Protanopia

146.8920, -36.4288, 17.6347

Deuteranopia

149.2340, -31.6674, 30.4898



Tritanopia

146.7280, 12.4591, -29.5795

Trichromacy



Original Color

136.9130, -28.5511, -35.8807

Protanomaly

143.4550, -33.7483, -2.1530

Deuteranomaly

144.7210, -30.4285, 6.3837

Tritanomaly

143.4060, -2.6652, -31.9281

Monochromacy



Original Color

136.9130, -28.5511, -35.8807

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1650, -10.4343, -13.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9130, -28.5511, -35.8807 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(96, 169, 79)` looks like.

```
.text, #text, p{  
    color:rgb(96, 169, 79)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(96, 169, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 169, 79) }
```

Border

The CSS property to change the border of an element to YUV 136.9130, -28.5511, -35.8807 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 169, 79) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(96, 169, 79) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(96, 169, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 169, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 169, 79);  
box-shadow:4px 4px 4px 4px rgb(96, 169,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 136.9130, -28.5511, -35.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 169, 79) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(96, 169,  
79) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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